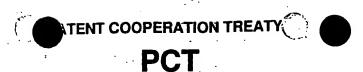
From the INTERNATIONAL SEARCHING AUTHORITY	PCT
UNITED KINGDOM	NOTIFICATION OF TRANSMITTAL OF INTERNATIONAL SEARCH REPORT OR THE DECLARATION (PCT Rule 44.1)
	Date of mailing (day/month/year) 17/06/2004
Applicant's or agent's file reference P7189	FOR FURTHER ACTION See paragraphs 1 and 4 below
International application No. PCT/IB 03/05817	International filing date (day/month/year) 10/12/2003
Applicant FORD GLOBAL TECHNOLOGIES, LLC	
1. X The applicant is hereby notified that the International Search Filing of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the claims When? The time limit for filing such amendments is normall International Search Report; however, for more detailed International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Fascimile No.: (41-22) 740.14.35 For more detailed instructions, see the notes on the according applicant is hereby notified that no International Search Article 17(2)(a) to that effect is transmitted herewith. 3. With regard to the protest against payment of (an) addition the protest together with the decision thereon has been applicant's request to forward the texts of both the protest no decision has been made yet on the protest; the applicant is reminded of the following:	of the International Application (see Rule 46): y 2 months from the date of transmittal of the ails, see the notes on the accompanying sheet. Inpanying sheet. Report will be established and that the declaration under all fee(s) under Rule 40.2, the applicant is notified that: transmitted to the International Bureau together with the list and the decision thereon to the designated Offices.
Shortly after 18 months from the priority date, the international applif the applicant wishes to avoid or postpone publication, a notice priority claim, must reach the international Bureau as provided in completion of the technical preparations for International publicat Within 19 months from the priority date, a demand for international wishes to postpone the entry into the national phase until 30 mor Within 20 months from the priority date, the applicant must perform before all designated Offices which have not been elected in the priority date or could not be elected because they are not bound	of windrawar or the International application, or or the International application, or or the International Application, or or the Internation Internation International I
Name and mailing address of the International Searching Authority European Patent Office, P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016	Authorized officer Bernd Stephan



INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER see Notification o (Form PCT/ISA/2	f Transmittal of International Search Report 20) as well as, where applicable, item 5 below.
P7189		(Earliest) Priority Date (day/month/year)
International application No.	International filing date (day/month/year)	(Earliest) Frionty Date (day/montrayear)
PCT/IB 03/05817	10/12/2003	04/01/2003
Applicant		
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FORD GLOBAL TECHNOLOGIES,	LLC	
10.0 020312 12011020123,		
This International Search Report has been according to Article 18. A copy is being tra	n prepared by this International Searching Auth Insmitted to the International Bureau.	nority and is transmitted to the applicant
	of a total of 7sheets.	
This International Search Report consists	a copy of each prior art document cited in this	renort
X It is also accompanied by	a copy of each phor art document cless in this	Toporti.
Data data mananta		
1. Basis of the report	the base of the ba	sic of the international application in the
a. With regard to the language, the language in which it was filed, unl	international search was carried out on the bas ess otherwise indicated under this item.	as of the international application in the
the international search w Authority (Rule 23.1(b)).	as carried out on the basis of a translation of the	he International application furnished to this
b. With regard to any nucleotide an was carried out on the basis of the	d/or amino acid sequence disclosed in the in	ternational application, the international search
contained in the internation	nal application in written form.	
	mational application in computer readable form	n
	this Authority in written form.	· .
furnished subsequently to	this Authority in computer readble form.	and not go beyond the displayure in the
international application a	sequently furnished written sequence listing described has been furnished.	•
the statement that the info furnished	rmation recorded in computer readable form is	s identical to the written sequence listing has been
2. Certain claims were fou	nd unsearchable (See Box I).	
3. X Unity of invention is lac	king (see Box II).	•
		
4. With regard to the title,		
X the text is approved as su	bmitted by the applicant.	
	hed by this Authority to read as follows:	
LIF COAL TIES DOON OSEEDING		
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<u>.</u>		•
5. With regard to the abstract,		. *
the text is approved as su	bmitted by the applicant.	h it annual in Day III. The analisms and
the text has been establis within one month from the	thed, according to Rule 38.2(b), by this Authorice date of mailing of this international search rep	ty as it appears in box iii. The applicant may, port, submit comments to this Authority.
6. The figure of the drawings to be publ	ished with the abstract is Figure No.	1
as suggested by the appl	leant.	None of the figures.
X because the applicant fail	ed to suggest a figure.	•
because this figure better	characterizes the invention.	•

Form PCT/ISA/210 (first sheet) (July 1998)

INTERNATIONAL SEARCH REPORT



A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B60K6/04 F02D35/00 F02M21/02 F02D41/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Documentation searched other than minimum documentation to the extent that such documents are included. In the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 02/078987 A (PAICE CORP) 10 October 2002 (2002-10-10)	1-3, 6-13, 15-24, 28,29
	page 79, line 7 - line 10 figure 11	
Y	US 2002/098414 A1 (OVSHINSKY STANFORD R ET AL) 25 July 2002 (2002-07-25) cited in the application	1-3, 6-13, 15-24, 28,29
	page 1, paragraph 2 figure 4	
A	EP 0 420 599 A (CANADIAN GAS ASS) 3 April 1991 (1991-04-03) the whole document	30,31
	-/	

Special categories of cited documents: A' document defining the general state of the art which is not considered to be of particular relevance E' earlier document but published on or after the international filing date L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another clation or other special reason (as specified) O' document referring to an oral disclosure, use, exhibition or other means P' document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the international search 9 June 2004	Date of mailing of the international search report 1 8. 6. 04
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tet. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3018	Authorized officer Wisnicki, M

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ern Application No 03/05817

	on) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
	US 4 332 219 A (GONZALEZ ERNESTO) 1 June 1982 (1982-06-01) the whole document	32-35
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Box I	Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This into	ernational Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1.	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
	·
	- • · · ·
2.	Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful international Search can be carried out, specifically:
3.	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II	Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This int	ternational Searching Authority found multiple inventions in this international application, as follows:
	see additional sheet
1. X	As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2.	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
	- variable of the control of the con
3.	As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4.	No required additional search fees were timely paid by the applicant. Consequently, this international Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remai	rk on Protest The additional search fees were accompanied by the applicant's protest.
	No protest accompanied the payment of additional search fees.
1	

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-29

Powertrain, vehicle with and method of using said powertrain

2. Claims: 30,31

Method for changing the fuel delivery rate for a combustion engine

3. Claims: 32-35

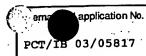
Method for sensing and responding to a backfire arising in the intake system of an engine



(BITTS	Application No
Ì	"PCT	03/05817

Patent document sited in search report		Publication date		Patent family member(s)	Publication date
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Box III TEXT OF THE ABSTRACT (Continuation of item 5 of the first sheet)

A hydrogen-powered hybrid powertrain system (100,200,300,500,1000) includes a hydrogen-fuelled internal combustion engine (114,202,302,400,902) operating at a lean air/fuel mixture, and a supercharger (436) for boosting a primary drive torque produced by the engine primarily over a high operating speed range. An electric motor/generator (232,314,905) generates a secondary drive torque for the vehicle, such that the secondary drive torque complements the boosted primary drive torque over at least a low operating speed range of the powertrain. A disconnect clutch (312,510) disposed between the engine and the motor/generator engages and disengages the engine from the motor/generator, and serves to transfer the boosted primary driver torque through the motor/generator and to a power transmission system (116,316,550). The input at the power transmission is thus a combination of the boosted primary drive torque and the secondary drive torque having an enhanced torque characteristic over at least the low operating speed range.